

Q&A 2012 RFP LED Project, #12-14, .04.26.12

1. Are fixtures "Cobra Head"? (Yes. All fixtures being replaced are 250 Watt Cobraheads, Type II Semi-Cut off)
2. Do we have to submit a lighting layout? (No.)
3. Can you provide the manufacturer and part numbers for the existing High Pressure Sodium fixtures? (GE; M2RR25S7A2GMS3408)
4. Are these LED roadway fixtures decorative at all? (No)
5. If you read the the first two points under "2.1" Fixtures, it can be a little confusing because under 2.1.1 it says "At least 10,000 lumens". In 2.1.2 it says "or fixtures that most closely matches these levels" Which do you want?. My concern is you can reach the lighting levels where we may have 9800 lumens yet you say must be at least 10,000 lumens. Question 2 is related to this also. (Section 2.1.1 states that at a minimum any fixture quoted should be at least 10,000 lumens i.e any fixture quoted below 10,000 lumens will not be considered. Section 2.1.2 states that GUC would like quotes for the three (3) lumen levels listed; the statement "or fixtures that most closely matches these levels" is meant to clarify that these should be considered nominal values, we would not reject a fixture at 11,999 lumens because it is not "12,000". The requirements for section 2.1.1 and 2.1.2 are not mutually exclusive.)
6. In the proposal you did not state Type II or Type III lighting distribution. With LED luminaires the lumen output is different for each IES light distribution. We may meet the criteria with Type III but if Type II is used the lumen value may be less than the minimum you are requesting in the proposal. If you do a lighting layout the Type II may provide better photometrics on the street than the Type III. Also keep in mind that higher lumens do not always equate to higher footcandles on the street or better lighting. Some LED luminaires still dump alot of light under the pole similar to HID which will drive up the max to min ratio. The design of the luminaire makes all the difference. (Type II)